

## Min-eVap: Small and Efficient Low Volume Nitrogen Evaporator

**About Us:** Takahe Analytical Instruments is a manufacturer & supplier of bio- analytical & quality testing instruments such as Nitrogen Evaporators and Concentration System, Solid Phase Extraction(SPE)-Positive Pressure Manifold besides supplying HPLC spares and Second hand Refurbished & Reconditioned HPLCs.

**Nitrogen Evaporators:** Nitrogen evaporators are used to prepare samples for analysis. Used in several industries, such as food, biotechnology, analytical chemistry, petroleum and environmental sciences, Nitrogen Evaporators prepare sample by evaporation using combination of heat and nitrogen to concentrate samples for further testing on systems like HPLC, GC or Mass Spectrometry.

**Takahe Analytical Instruments** an Indian manufacturer of Nitrogen Evaporators & Concentration systems offer a range of models of the Nitrogen Evaporators based on the application of the industry. Our Flagship model is the Speedovap™, which has made way for the Min-eVAP for labs with testing facilities, NGOs and Educational Institutions where batch sizes for evaporation process are small.

With almost 600 installations across India and overseas, Takahe Analytical Instruments has established its products with CROs, agriculture & environment industry, food industry, testing labs and educational institutions. While expanding their labs, users after having used the product choose this product again as their choice of evaporators.

### Specifications & Technical Details:



#### Model name: Min-eVap

Max no. Of samples	15
Sample Volume	1.5 ml – 15 ml (As per user reqmt)
Number of Stations	3
Max no of samples /station	5
Evaporation Medium	Nitrogen
Temperature Setting	Ambient to 80°C
Pressure	Adjustable
Time setting	1 min to 9.5 hrs or indefinite
Fume extraction	Inbuilt vented out
Tank Capacity	2.5 litres (Full to brim)

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### Other details:

Controls	Microprocessor
Temp & Time display	LED – Dot Matrix
Supplied with	Installation Kit: Drain water pump Exhaust hose Nozzle plugs Nozzle cleaner Power cord Manual, IQ/OQ/PQ docs with traceability certificates
Electrical Requirement/Consumption	230 volts, 5Amp, 500 Watts
Heat Output of Instrument	1706 BTU

### Features:

- Aluminum body for rust control
- In-built alarms with customizable setting for over temperature alert
- Sensor for Door Open triggering alert
- Inter-changeable test tube racks for multiple size test tubes testing
- Safety Features include Audio and display Alarms; Auto Stop of process on Door Open etc.

### Certifications:

International Certification conforming to

- 2004/22/EC Measuring Instruments Directive
- 2014/35/EU Low Voltage Directive
- 2009/105/EC Simple Pressure Vessels

ISO Certification to Takahe Analytical Instruments

- ISO 9001:2015 Quality Management System for following scope of activities:  
Manufacturing of Analytical Instruments and Related Software Development.

Registered with GEM (Government e-marketplace)

Vendor Assessment satisfactorily conducted by **CRISIL** (2017) and **Quality Council of India** (2019)  
with proof as OEM



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Takahe Analytical Instruments reserves the right to change the above specifications for betterment of the product